Thursday, 6/21/2007 2:29:29 PM Date Kim Johnston User **Process Sheet** : FUEL PURGE CANISTER : CU-DAR001 Dart Helicopters Services **Drawing Name** Customer : 33065 Job Number : 10440 **Estimate Number** : D3262041 Part Number P.O. Number S.O. No. : NA · D3262 REV C **Drawing Number** : 6/21/2007 This Issue : NC Project Number : N/A Prsht Rev. : MA : MACHINED PARTS : C **Drawing Revision** Type First Issue Material Previous Run Each : 7/15/2007 Qty: 6 Um: **Due Date** Written By Checked & Approved By Removed P/O for liquid penetrant inspection K ; Est. C 05.03.10 Comment J/JLM **Additional Product** Job Number: Description: Machine Or Operation: Seq. #: **FUEL PURGE CANISTER** 1.0 33065A Comment: Sub-Com FUEL PURGE CANUSTER Comment: Sub-Co PURGE CANISTER D3262-3 B *3* LARGE FABRICATION RESOURCE 3.0 LARGE FAB Comment: LARGE FABRICATION RESOURCE 1 Weld canister assembly as per Dwg D3262 using DT8739 to align fillings Description Pick: Part Number A/R Aluminum Rod WELD INSPECTION 4.0 QC5/9 Comment: WELD INSPECTION Pressure test as per Dwg D3262 HAND FINISHING RESOURCE #1 HAND FINISHING1 5.0 Comment: HAND FINISHING RESOURCE #1 Chemical Conversion Coat as per QSI 005 4.1

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W/O:				WORK ORD	DER CHANGES					
DATE	STEP		PRO	CEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC inspector
					:					
		·								
Part No	:	· 	_PAR #:	Fault Category:	NCF	₹: Yes	No DQA	:15	ີ Date: <u>⊘</u>	2/11/28
						QA:	N/C Closed	·	Date:	

	WORK ORDER NON-CONFORMANCE (NCR)									
	Description of NC		<u></u>	Varification						
STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspector			
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	STEP	STED Description of NC	STEP Description of NC Section A Initial	STEP Description of NC Section A Initial Action Description	STEP Description of NC Section A Initial Action Description Sign &	STEP Description of NC Section A Corrective Action Section B Verification Section C Section C	STEP Description of NC Corrective Action Section B Verification Approval Section A Chief Eng			

NOTE: Date & initial all entries

Thursday, 6/21/2007 2:29:29 PM Date: User: Kim Johnston **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: FUEL PURGE CANISTER Part Number: D3262041 Job Number: 33065 Job Number: Description: Seq. #: Machine Or Operation: POWDER COATING POWDER COATING 6.0 Comment: POWDER COATING 1-Powder Coat Gloss White (Ref: 4.3.5.1) as per QSI 005 4.3 2-Ensure to mask threads INSPECT POWDER COAT/CHEMICAL CONVERSION 7.0 QC3 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify with P/N and B/N as per Dwg using a permanent fine point marker, then Stock

MARIX

QC21

Comment: FINAL INSPECTION/W/O RELEASE

9.0

Job Completion

J Stilles

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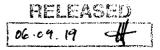
W/O:		WORK ORDER CHANGES	WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
Part No	•	PAR #: Fault Category: NO	CR: Yes	s No DQ	A:	Date: _				
			QA:	N/C Close	d:	Date:				

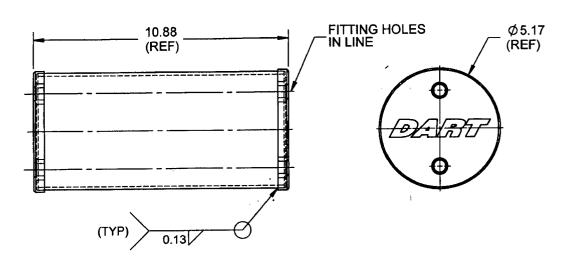
NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
	DATE STEP	Description of NC	Corrective Action Section B			Varification					
DATE		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector			

NOTE: Date & initial all entries



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DESIGN DRAWN		BY 3	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA					
CHEC	KED	APPRO	VED	DRAWING NO.	REV. C			
1 (	PH	1 -	$\vdash$	D3262	SHEET 1 OF 2			
DATE	DATE			TITLE	SCALE			
	06.08.31			FUEL PURGE CANISTER	1:4			
REV	REV DATE			DESCRIPTION				
A.	A 04.05.06			FIRST ISSUE				
В	B 05.02.14			ADD PRESSURE TESTING OPTION				
С	C 06.08.31			Ø5.165 WAS Ø5.190				





### D3262-041 CANISTER ASSEMBLY

ITEM	QTY -041	P/N	DESCRIPTION
	Х	D3362-041	CANISTER ASSEMBLY
1	1	D3262-1	TUBE
2	2	D3262-3	CAP

### NOTES

1) WELD PER DART QSI 004

2) BREAK ALL SHARP CORNERS 0.005 TO 0.010

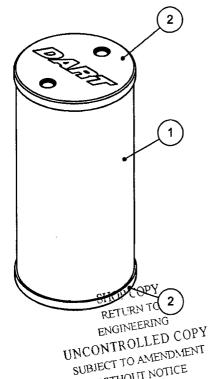
3) LIQUID PENETRANT INSPECT PER ASTM E1417 LEVEL 1 OR PRESSURIZE TO 10 psi AND SUBMERGE UNDER WATER TO B CHECK FOR LEAKS

4) FINISH: CHEMICAL CONVERSION COAT PER QSI 005 4.1
POWDER COAT ASSEMBLY WHITE (4.3.5.1) PER DART
OSI 005 4.3

5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

6) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

7) IDENTIFY WITH DART P/N AND B/N USING FINE POINT PERMANENT INK MARKER



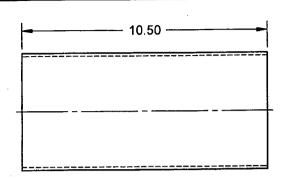
WORK ORDER

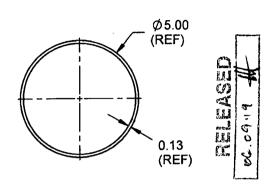
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DRAWN BY DESIGN DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED APPROVED REV. C PH D3262 SHEET 2 OF 2 TITLE DATE SCALE **FUEL PURGE CANISTER** 06.08.31 1:4





### **D3262-1 TUBE**

(2 PLACES)

1) MATERIAL: 6061-T6 OR 6061-T62 TUBING, 5.00 OD x 0.125 WALL PER WW-T-700/6 OR AMS 4080 OR AMS 4082 OR

Ø 0.875 (2 PLACES)

QQ-A-200/8 OR QQ-A-225/8 (REF. DART SPEC, M6061T6T5.000W.125) Ø5.165 (REF) - 0.45  $\phi_{0.688}^{+0.015}_{-0.000}$ 

DRILL THRU Ø0.516 (33/64 DRILL). TAP HOLE 9/16-18 UNF-3B PER MIL-S-8879 (2 PLACES) 1.63 3.25 (REF)

Ø5.005+0.010 -0.000 R0.063  $\phi$ 0.580 $^{+0.005}_{-0.000}$ (TYP) (2 PLACES) 0.080 0.070 x 45° 0.33 CHAMFER (TYP)

(TYP) SECTION A-A SCALE 1:2

### D3262-3 CAP

1) MATERIAL: 6061-T6/T651 (QQ-A-200/8 OR QQ-A-225/8) BAR (REF. DART SPEC. M6061T6B)

- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP CORNERS 0.005 TO 0.010
- 6) PART IS SYMMETRICAL ABOUT CENTERLINE 7) ENGRAVE 'DART' LOGO AS SHOWN USING 0.75 HIGH x 0.010 DEEP (MAX) LETTERS WITH TOOL RADIUS OF 0.25 (MIN)

SHOP COPY RETURN TO R0.02<sup>+0.02</sup> NGINEERIN COLL ONCONTROLLFI SUBILICT TO AME R0.02<sup>+0.00</sup><sub>-0.01</sub> NTHOUT NO WORK ORLER BNO. 3300 DETAIL

30°

0.083 + 0.015 - 0.000

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